

**CHAPTER FOUR
MITIGATION STRATEGIES**

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LOCAL HAZARD MITIGATION GOALS

The Pottawatomie County Hazard Mitigation Planning Team reviewed and analyzed the goals of the plan and found them unclear in their intent. The goals were redefined at the first team meeting and reviewed following risk assessment studies. The goals listed below were determined to reflect the objectives of the participating jurisdictions and the State of Oklahoma in reducing the impact of hazards throughout the county. The goals and suggested actions were developed by the Hazard Mitigation Planning Team with the assistance of the chief elected officials of each entity. The selected projects should address these listed goals.

- **Protection of lives and property**
- **Improved identification and protection of Critical Facilities**
- **Prevent repetitive flooding**
- **Educate citizens on all potential hazards**
- **Improve response capabilities to hazard events**

During the risk assessment phase of the planning process, the Pottawatomie County Hazard Mitigation Planning Team evaluated various mitigation strategies that could be feasible for use in Pottawatomie County. Historical references from residents concerning flooding and specific locations were discussed. Research and references to the print media proved to be ineffective, due to their lack of archive material. The most reliable local historical information available was contained in archives of the Emergency Management Offices in Pottawatomie County and local jurisdictions, federally declared disasters (FEMA website) and National Climatic Data Center (NCDC) records. Wildfire data was collected from the Oklahoma State Fire Marshal's office. The selection of the projects was based on the cost benefit of the action and what could be done in the community. Each community will make their decision at the time of implementation based upon the community's capability at the time.

NATIONAL FLOOD INSURANCE PROGRAM PARTICIPATION

Pottawatomie County, Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh are currently participating members of the NFIP. Macomb is not listed in the Community Status Book and is not a member of the NFIP. Asher, Earlsboro, Johnson, Pink, St. Louis, Tribbey, and Wanette have been mapped but are not participating in the NFIP. Schools are not eligible for NFIP participation but their flood insurance rates are based upon the participation of their community. The following table shows the date each jurisdiction became a member of the NFIP and the effective map date.

Jurisdiction	Current Effective Map Date	Regular or Emergency Date
Pottawatomie County	9/3/10	6/1/88
Bethel Acres	9/3/10	12/1/89
Brooksville	9/3/10	8/19/85
Maud	7/18/11	7/3/85
McLoud	9/3/10	10/16/87
Shawnee	9/3/10	7/2/80
Tecumseh	9/3/10	7/16/80
Jurisdiction	Current Effective Map Date	Sanction Date
Asher	9/3/10	6/4/77
Earlsboro	9/3/10	4/2/93
Johnson	9/3/10	9/3/11
Pink	9/3/10	4/2/93
St. Louis	9/3/10	4/2/93

Tribbey	9/3/10	9/3/11
Wanette	9/3/10	12/20/75
Macomb	Not Listed	

There are four identified Hazard Mitigation Action Items addressed in the Pottawatomie County Hazard Mitigation Plan incorporating flood plain activity and the NFIP. The four action items are:

- **Repetitive Flood Properties**
- **Continued NFIP Participation**
- **NFIP Education**
- **Maintain Floodplain Administrator**

Pottawatomie County, Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh are members of the NFIP and, as such, the citizens of Pottawatomie County and member jurisdictions are eligible to purchase flood insurance through the NFIP. This is an economical advantage to the citizens of Pottawatomie County. Flood insurance through independent insurance carriers would be prohibitive due to cost, if available at all. Pottawatomie County, Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh will continue their participation in the NFIP and continue to maintain and update floodplain ordinances in line with NFIP requirements. Floodplain ordinances will continue to be enforced in Special Flood Hazard Areas (SFHAs) to maintain compliance with NFIP requirements. County, city, and town officials will continue to promote and encourage flood insurance and public participation in the NFIP.

Pottawatomie County, Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh have appointed floodplain managers to monitor and enforce floodplain activities. Through membership and attendance at workshops sponsored by the Oklahoma Floodplain Managers Association and the Oklahoma Water Resources Board, these floodplain administrators keep current on best practices and activities for floodplain management. Actions undertaken by these floodplain managers include:

PERMITTING

Before a property owner can undertake any development in the SFHA, a permit must be obtained from the community. The community is responsible for reviewing the proposed development to ensure that it complies with the community's floodplain management ordinance. Communities are also required to review proposed development in SFHAs to ensure that all necessary permits have been received from those governmental agencies from which approval is required by Federal or State law, such as 404 wetland permits from the Army Corps of Engineers or permits under the Endangered Species Act.

DEVELOPMENT REVIEW

The communities review subdivision proposals and other proposed new development, including manufactured home parks or subdivisions to ensure that these development proposals are reasonably safe from flooding and that utilities and facilities servicing these subdivisions or other development are constructed to minimize or eliminate flood damage.

REGULATORY FLOODWAY IN RIVERINE A ZONES

Communities are required by the NFPA to select and adopt a regulatory floodway in riverine A Zones. The area chosen for the regulatory floodway must be designed to carry the waters of the 1-percent-annual-chance flood without increasing the water surface elevation of that flood more than one foot at any point. Once the floodway is designated, the community must prohibit development within that floodway which would cause any increase in flood heights.

COMMUNITY ASSISTANCE VISITS (CAVs) AND COMMUNITY ASSISTANCE CONTACTS (CACs)

The State of Oklahoma on behalf of FEMA conducts Community Assistance Visits (CAVs) and Community Assistance Contacts (CACs) to monitor community floodplain management programs. A CAV is a scheduled visit to an NFIP community for the purpose of conducting a comprehensive assessment of the community's floodplain management program. The CAV is also used as an opportunity to provide technical assistance to the community. A CAV typically involves a tour of the floodplain, a meeting with local floodplain management officials, and an examination of the community's floodplain development permit and variance files. The visit is documented in a follow-up letter to the community. If any issues are identified during the CAV, such as a possible floodplain violation or program deficiency, these issues are also addressed in the follow-up letter. The community is responsible for resolving any program deficiencies or remedying any violations identified.

A CAC is used to establish a contact with a community for the purpose of determining if any problems or issues exist and to offer the community assistance if necessary. CACs can be conducted by means of a telephone call or brief visit. While CACs are a less comprehensive assessment of a community's floodplain management program, a community's floodplain management program can be obtained in order to determine whether there are more serious floodplain management problems in the community.

Also, local officials can directly contact the State or FEMA regional staff for technical assistance.

POST-EVENT ASSESSMENTS

Communities conduct field investigations following flood events to evaluate how well the NFIP floodplain management requirements performed. During these investigations, a team inspects event damages to residential and commercial buildings and other structures

and infrastructure; conducts analyses to determine causes of structural and building component failures and successes; and evaluate local design practices, construction methods.

Jurisdiction	Administrator	Permitting	Development Review	Regulation of River Zone A	CAV or CAC	Post-Event Assessment
Pottawatomie County	✓	✓	✓	✓	No Record of Visit	✓
Bethel Acres	✓	✓	✓	Not Applicable	2013	✓
Brooksville	✓	✓	✓	Not Applicable	No Record of Visit	✓
Maud	✓	✓	✓	Not Applicable	No Record of Visit	✓
McLoud	✓	✓	✓	✓	No Record of Visit	✓
Shawnee	✓	✓	✓	✓	No Record of Visit	✓
Tecumseh	✓	✓	✓	Not Applicable	No Record of Visit	✓

The State and FEMA are currently in the process of map revision for the entire lower North Canadian River basin from Oklahoma City to Lake Eufaula. Pottawatomie County, Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh are all participating in this update activity.

MITIGATION ACTION PLAN

This chapter identifies specific actions to achieve the goals of Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette and all Public School Districts in Pottawatomie

County; an appropriate lead person for each action, funding sources, and related hazards. During the risk assessment phase of the planning process, the Pottawatomie County Hazard Mitigation Planning Team evaluated various mitigation strategies that may be feasible in Pottawatomie County. The selection of the projects was based on the benefits and cost effectiveness of the action and what could be done in the county and participating communities.

MITIGATION PROJECTS

Many of the mitigation projects identified would offer relief for multiple hazards. Outdoor warning devices most certainly would be significant during tornado warning periods. Also, this means could be utilized for flash flooding alerts. Low water bridges, if corrected, would not only improve transportation for residents during heavy rain periods, but would provide a more direct route for use by responders than is currently utilized. Certainly, sheltering would have multiple hazard usage. Each project listed below shows the related hazards.

CURRENT MITIGATION PROJECTS

The following projects are the projects that were included in the action projects for the 2014 Pottawatomie County Hazard Mitigation Plan. Some projects are currently not fundable thru the HMGP grant program but HMGP is listed as a possible funding source for possible future funding changes and revisions under which they may later qualify for funding.

Action Project 1 - Repetitive Flood Properties	
Description	Identify, acquire and remove repetitive loss flood properties where acquisition is the most cost effective and desirable mitigation measure.
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Shawnee
Responsible Party	Floodplain Management, local elected officials
Funding Sources	Local sales tax and bond issues, Hazard Mitigation Grant Program (HMGP), Flood Mitigation Assistance (FMA) program.
Time Schedule	36 months with approved funding

Action Project 1A - Repetitive Flood Properties	
Description	Identify, acquire and remove repetitive loss flood properties where acquisition is the most cost effective and desirable mitigation measure.
Hazards Addressed	Flood
Jurisdictions Affected	Tecumseh
Responsible Party	Floodplain Management, local elected officials
Funding Sources	Local sales tax and bond issues, Hazard Mitigation Grant Program (HMGP), Flood Mitigation Assistance (FMA) program.
Time Schedule	36 months with approved funding

Action Project 2 - Flood Prone Areas Mitigation	
Description	Implement structural and non-structural flood mitigation measures for flood prone areas as recommended in the basin-wide master drainage plans.

Action Project 2 - Flood Prone Areas Mitigation	
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Pottawatomie County, Shawnee
Responsible Party	Floodplain Management, local elected officials
Funding Sources	Local General Obligation Bond Issues, Local Capital Improvements Sales Taxes, Potential Stormwater Utility Fees, Fee-in-lieu-of Detention funds, Hazard Mitigation Grant Program (HMGP), Repetitive Flood Claims (RFC), and Severe Repetitive Loss (SRL) programs, Community Development Block Grant (CDBG), Natural Resources Conservation Service (NRCS).
Time Schedule	36 months with approved funding

Action Project 2A - Flood Prone Areas Mitigation	
Description	Implement structural and non-structural flood mitigation measures for flood prone areas as recommended in the basin-wide master drainage plans.
Hazards Addressed	Flood
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh, Dale PS, Tecumseh PS
Responsible Party	Floodplain Management, local elected and school officials
Funding Sources	Local General Obligation Bond Issues, Local Capital Improvements Sales Taxes, School funds, Potential Stormwater Utility Fees, Fee-in-lieu-of Detention funds, Hazard Mitigation Grant Program (HMGP), Repetitive Flood Claims (RFC), and Severe Repetitive Loss (SRL) programs, Community Development Block Grant (CDBG), Natural Resources Conservation Service (NRCS).
Time Schedule	36 months with approved funding

Action Project 3 - Community / School Safe Rooms	
Description	Construct safe rooms as needed to protect first responders and the public. Construct safe rooms on school campuses as needed to protect students, staff and visitors from tornados and high wind events.
Hazards Addressed	High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, school administrators and local elected officials.
Funding Sources	Local Capital Improvements Sales Tax, Hazard Mitigation Grant Program (HMGP), general obligation bonds.
Time Schedule	24 months per facility with approved funding

Action Project 4 - Early Warning Devices	
Description	Evaluate and Upgrade Community Warning System. Install Outdoor warning devices as needed to provide adequate early warning to citizens of the county, cities, towns and schools.
Hazards Addressed	Dam Failure, Hail Storm, High Winds, Tornado, Wildfire
Jurisdictions Affected	Pottawatomie County , Shawnee
Responsible Party	Shawnee/Pottawatomie County Emergency Management, local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local funds
Time Schedule	18 months per facility with approved funding

Action Project 4A - Early Warning Devices	
Description	Evaluate and Upgrade Community Warning System. Install Outdoor warning devices as needed to provide adequate early warning to citizens of the county, cities, towns and schools.
Hazards Addressed	Hail Storm, High Winds, Tornado, Wildfire
Jurisdictions Affected	Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Shawnee/Pottawatomie County Emergency Management, local elected officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds
Time Schedule	18 months per facility with approved funding

Action Project 4B - Early Warning Devices	
Description	Evaluate and Upgrade Community Warning System. Install Outdoor warning devices as needed to provide adequate early warning to citizens of the county, cities, towns and schools.
Hazards Addressed	Hail Storm, High Winds, Tornado
Jurisdictions Affected	Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and
Responsible Party	Shawnee/Pottawatomie County Emergency Management, school administrators.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds
Time Schedule	18 months per facility with approved funding

Action Project 5 - Public Cooling / Warming Stations	
Description	Develop and publicize locations of cooling stations where residents can go to seek refuge from the heat and warming stations for refuge from cold.

Action Project 5 - Public Cooling / Warming Stations	
Hazards Addressed	Extreme Heat, Winter Storm
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, and Wanette
Responsible Party	Community Development, local elected officials.
Funding Sources	Local Emergency Planning Committee (LEPC), Oklahoma Gas & Electric (OG&E), Canadian Valley Rural Electric Cooperative, Voluntary Organizations Active in Disaster (VOAD) agencies, senior citizen centers.
Time Schedule	12 months with approved funding

Action Project 6 - Special Needs Identification	
Description	Conduct assessment to determine vulnerable special needs populations such as the elderly and infirmed.
Hazards Addressed	Dam Failure
Jurisdictions Affected	Pottawatomie County, Shawnee
Responsible Party	Emergency Management, senior citizen centers, Department of Human Services (DHS)
Funding Sources	Local funding, Local Emergency Planning Committee (LEPC)
Time Schedule	18 months with approved funding

Action Project 6A - Special Needs Identification	
Description	Conduct assessment to determine vulnerable special needs populations such as the elderly and infirmed.
Hazards Addressed	Earthquake, Extreme Heat, Flood, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 6A - Special Needs Identification	
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, senior citizen centers, Department of Human Services (DHS)
Funding Sources	Local funding, Local Emergency Planning Committee (LEPC)
Time Schedule	18 months with approved funding

Action Project 6B - Special Needs Identification	
Description	Conduct assessment to determine vulnerable special needs populations such as the elderly and infirmed.
Hazards Addressed	Earthquake, Extreme Heat, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, and Wanette
Responsible Party	Emergency Management, senior citizen centers, Department of Human Services (DHS)
Funding Sources	Local funding, Local Emergency Planning Committee (LEPC)
Time Schedule	18 months with approved funding

Action Project 7 - Drought Strategy	
Description	Shawnee and Pottawatomie County shall develop a strategy to combat the threat of drought affecting the area. This system shall include development of new technologies to assess the probable impact of droughts; development of education programs designed to promote awareness/mitigation among the economic sectors most impacted by the threat; and the development of indices and response actions that signal the onset and various stages of drought.

Action Project 7 - Drought Strategy	
Hazards Addressed	Drought
Jurisdictions Affected	Pottawatomie County, Shawnee
Responsible Party	Shawnee Public Utilities Department, local elected officials, United States Department of Agriculture (USDA)
Funding Sources	Rate Payer User Fees, local funds, county budget, United States Department of Agriculture (USDA), Community Development Block Grant (CDBG), Hazard Mitigation Grant Program (HMGP), Oklahoma Water
Time Schedule	36 months with approved funding

Action Project 8 - Additional Water Capacity	
Description	The City of Shawnee shall seek additional water reservoir capacity. This will include working with other regional cities and governmental agencies to develop additional water storage and transmission capacity.
Hazards Addressed	Drought, Wildfire
Jurisdictions Affected	City of Shawnee
Responsible Party	Shawnee Public Utilities Department
Funding Sources	Hazard Mitigation Grant Program (HMGP), General Obligation Bond Issues, Rate Payer User Fees
Time Schedule	36 months with approved permitting and funding

Action Project 9 - Mobile Home Tie Downs	
Description	Revise building codes to reflect latest guidance for wind resistance and tie downs for mobile homes.
Hazards Addressed	Earthquake, High Winds, Tornado

Action Project 9 - Mobile Home Tie Downs	
Jurisdictions Affected	Maud, Shawnee, Tecumseh, Bethel Acres, McLoud.
Responsible Party	Community Development, local elected officials.
Funding Sources	N/A
Time Schedule	12 months with voter approval by town and city councils

Action Project 10 - Public Awareness / Education	
Description	Develop and distribute public information and education materials to vulnerable populations through school handouts, participating community agencies during fairs, seminars, and other venues on ways to prepare for and mitigate profiled natural hazards.
Hazards Addressed	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Shawnee,
Responsible Party	Emergency Management, Local Emergency Planning Committee (LEPC), local elected officials, school administration, health department, Unity Health Center, Medical Reserve Corps (MRC).
Funding Sources	County, Local, School funds, Local Emergency Planning Committee (LEPC), Hazard Mitigation Grant Program (HMGP), Private Sector Contributions,
Time Schedule	36 months and continuing with approved funding

Action Project 10A - Public Awareness / Education	
Description	Develop and distribute public information and education materials to vulnerable populations through school handouts, participating community agencies during fairs, seminars, and other venues on ways to prepare for and mitigate profiled natural hazards.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 10A - Public Awareness / Education	
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh.
Responsible Party	Emergency Management, Local Emergency Planning Committee (LEPC), local elected officials, health department, Unity Health Center, Medical Reserve Corps (MRC).
Funding Sources	County, Local, School funds, Local Emergency Planning Committee (LEPC), Hazard Mitigation Grant Program (HMGP), Private Sector Contributions,
Time Schedule	36 months and continuing with approved funding

Action Project 10B - Public Awareness / Education	
Description	Develop and distribute public information and education materials to vulnerable populations through school handouts, participating community agencies during fairs, seminars, and other venues on ways to prepare for and mitigate profiled natural hazards.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, Local Emergency Planning Committee (LEPC), local elected officials, school administration, health department, Unity Health Center, Medical Reserve Corps (MRC).
Funding Sources	County, Local, School funds, Local Emergency Planning Committee (LEPC), Hazard Mitigation Grant Program (HMGP), Private Sector Contributions,
Time Schedule	36 months and continuing with approved funding

Action Project 10C - Public Awareness / Education	
Description	Develop and distribute public information and education materials to vulnerable populations through school handouts, participating community agencies during fairs, seminars, and other venues on ways to prepare for and mitigate profiled natural hazards.

Action Project 10C - Public Awareness / Education	
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS.
Responsible Party	Emergency Management, Local Emergency Planning Committee (LEPC), local elected officials, school administration, health department, Unity Health Center, Medical Reserve Corps (MRC).
Funding Sources	County, Local, School funds, Local Emergency Planning Committee (LEPC), Hazard Mitigation Grant Program (HMGP), Private Sector Contributions,
Time Schedule	36 months and continuing with approved funding

Action Project 10D - Public Awareness / Education	
Description	Develop and distribute public information and education materials to vulnerable populations through school handouts, participating community agencies during fairs, seminars, and other venues on ways to prepare for and mitigate profiled natural hazards.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, Local Emergency Planning Committee (LEPC), local elected officials, school administration, health department, Unity Health Center, Medical Reserve Corps (MRC).
Funding Sources	County, Local, School funds, Local Emergency Planning Committee (LEPC), Hazard Mitigation Grant Program (HMGP), Private Sector Contributions,
Time Schedule	36 months and continuing with approved funding

Action Project 11 - Bury Utility Lines	
Description	Partner with land developers and utility companies to locate utility lines underground and increase trimming of trees affecting utility lines to prevent tree limb interference.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Community Development, Local Utility Providers
Funding Sources	Local Utility Providers
Time Schedule	36 months with approved funding

Action Project 11A - Bury Utility Lines	
Description	Partner with land developers and utility companies to locate utility lines underground and increase trimming of trees affecting utility lines to prevent tree limb interference
Hazards Addressed	Earthquake, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Community Development, Local Utility Providers
Funding Sources	Local Utility Providers
Time Schedule	36 months with approved funding

Action Project 12 - Alternate Power Source	
Description	Purchase emergency power generators for critical facilities to provide an alternate power source for continuity of operations.
Hazards Addressed	Dam Failure, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, local elected officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County funds, Assistance to Firefighters Grant (AFG), Community Development Block Grant (CDBG), Rural Economic Action Plan (REAP)
Time Schedule	18 months with approved funding

Action Project 12A - Alternate Power Source	
Description	Obtain emergency power generators for critical facilities to provide an alternate power source for continuity of operations.
Hazards Addressed	Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, local elected officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds, Assistance to Firefighters Grant (AFG), Community Development Block Grant (CDBG), Rural Economic Action Plan (REAP)
Time Schedule	18 months with approved funding

Action Project 12B - Alternate Power Source	
Description	Obtain emergency power generators for critical facilities to provide an alternate power source for continuity of operations..
Hazards Addressed	Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, local elected officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds, Assistance to Firefighters Grant (AFG), Community Development Block Grant (CDBG), Rural Economic Action Plan (REAP)
Time Schedule	18 months with approved funding

Action Project 12C - Alternate Power Source	
Description	Obtain emergency power generators for critical facilities to provide an alternate power source for continuity of operations..
Hazards Addressed	Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS
Responsible Party	Emergency Management, local elected and school officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds, Assistance to Firefighters Grant (AFG), Community Development Block Grant (CDBG), Rural Economic Action Plan (REAP)
Time Schedule	18 months with approved funding

Action Project 12D - Alternate Power Source	
Description	Obtain emergency power generators for critical facilities to provide an alternate power source for continuity of operations..

Action Project 12D - Alternate Power Source	
Hazards Addressed	Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, local elected and school officials.
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local and School funds, Assistance to Firefighters Grant (AFG), Community Development Block Grant (CDBG), Rural Economic Action Plan (REAP)
Time Schedule	18 months with approved funding

Action Project 13 - Wildfire Awareness / Education	
Description	Conduct public education during fairs, seminars, and other venues to provide advice and guidance to the public concerning wildland fires.
Hazards Addressed	Wildfire
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Emergency Management, Local Fire Departments, United States Department of Agriculture (USDA), local conservation districts
Funding Sources	Hazard Mitigation Grant Program (HMGP), Fire Department Appropriations, Fire Act Grants, Private Foundation/Business Sponsorship, Fire Clowns
Time Schedule	18 months and continuing with approved funding

Action Project 14 - 911 / EOC Enhancement	
Description	Harden/Enhance Facilities for the 911 Center and the Emergency Operations Center.
Hazards Addressed	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 14 - 911 / EOC Enhancement	
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, local elected officials, local 911 authorities
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local, 911 Tariff fees, Homeland Security funds, legislative appropriations, general funds.
Time Schedule	36 months with approved funding

Action Project 15 - Earthquake Construction Standards	
Description	Update Building Codes to Reflect Seismic Design Standards for New Construction.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Tornado
Jurisdictions Affected	Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, and Wanette
Responsible Party	Community Development, Emergency Management, local elected officials.
Funding Sources	N/A
Time Schedule	12 months with approval and action by town and city councils

Action Project 16 - Earthquake Resistant Utilities	
Description	Retrofitting existing utility distribution systems for earthquake resistance and encouraging owners of structures to retrofit their businesses/homes.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Lightning, Tornado, Winter Storm

Action Project 16 - Earthquake Resistant Utilities	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, local elected and school officials
Funding Sources	Utility company budgets, individual contributions.
Time Schedule	36 months with approved funding

Action Project 17 – Dam EAP	
Description	Revise Emergency Action Plans (EAP) for Dams including Inundation Zones and expected flood depths
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Pottawatomie County
Responsible Party	Shawnee and Tecumseh Public Utilities Departments, Bureau of Reclamation
Funding Sources	Emergency Management Performance Grant, Hazard Mitigation Grant Program (HMGP), Departmental Budgets , Oklahoma Water Resource Board (OWRB)
Time Schedule	36 months with approved funding

Action Project 18 - Dam Monitoring Equipment	
Description	Installation of Monitoring Equipment on High Hazard Dams
Hazards Addressed	Dam Failure, Flood

Action Project 18 - Dam Monitoring Equipment	
Jurisdictions Affected	Pottawatomie County
Responsible Party	Shawnee and Tecumseh Public Utilities Departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), Departmental Budgets, Oklahoma Water Resource Board (OWRB) grants
Time Schedule	18 months with approved funding

Action Project 19 - Hazard Awareness / Education Book	
Description	Develop, produce, and distribute an Hazard Awareness / Education Book describing all hazards that pose a risk to Pottawatomie County, How to prepare for them and actions to mitigate and recover from disasters.
Hazards Addressed	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, Local Elected Officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), County funds, private business and industry, Local Emergency Planning Committee (LEPC)
Time Schedule	36 months and continuing with approved funding

Action Project 19A - Hazard Awareness / Education Book	
Description	Develop, produce, and distribute an Hazard Awareness / Education Book describing all hazards that pose a risk to Pottawatomie County, How to prepare for them and actions to mitigate and recover from disasters.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 19A - Hazard Awareness / Education Book	
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, Local Elected Officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local funds, private business and industry, Local Emergency Planning Committee (LEPC)
Time Schedule	36 months and continuing with approved funding

Action Project 19B - Hazard Awareness / Education Book	
Description	Develop, produce, and distribute an Hazard Awareness / Education Book describing all hazards that pose a risk to Pottawatomie County, How to prepare for them and actions to mitigate and recover from Disasters
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, Local Elected Officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local funds, private business and industry, Local Emergency Planning Committee (LEPC)
Time Schedule	36 months and continuing with approved funding

Action Project 19C - Hazard Awareness / Education Book	
Description	Develop, produce, and distribute an Hazard Awareness / Education Book describing all hazards that pose a risk to Pottawatomie County, How to prepare for them and actions to mitigate and recover from disasters
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm

Action Project 19C - Hazard Awareness / Education Book	
Jurisdictions Affected	Dale PS, Tecumseh PS
Responsible Party	Emergency Management, School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), County and School funds, private business and industry, Local Emergency Planning Committee (LEPC)
Time Schedule	36 months and continuing with approved funding

Action Project 19D - Hazard Awareness / Education Book	
Description	Develop, produce, and distribute an Hazard Awareness / Education Book describing all hazards that pose a risk to Pottawatomie County, How to prepare for them and actions to mitigate and recover from disasters.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), County and School funds, private business and industry, Local Emergency Planning Committee (LEPC)
Time Schedule	36 months and continuing with approved funding

Action Project 20 - Motorist Information Signs	
Description	Purchase lighted electronic signs that can be positioned along roadsides to warn motorist of potential dangers such as flooding, down power lines, road wash outs, heavy smoke, and other hazards
Hazards Addressed	Dam Failure, Earthquake, Flood, Tornado, Wildfire, Winter Storm

Action Project 20 - Motorist Information Signs	
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, county highway departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), County funds
Time Schedule	18 months with approved funding

Action Project 20A - Motorist Information Signs	
Description	Purchase lighted electronic signs that can be positioned along roadsides to warn motorists of potential dangers such as flooding, down power lines, road wash outs, heavy smoke, and others
Hazards Addressed	Earthquake, Flood, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, county highway departments, city street departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local funds
Time Schedule	18 months with approved funding

Action Project 20B - Motorist Information Signs	
Description	Purchase lighted electronic signs that can be positioned along roadsides to warn motorists of potential dangers such as flooding, down power lines, road wash outs, heavy smoke, and others.
Hazards Addressed	Earthquake, Tornado, Wildfire, Winter Storm

Action Project 20B - Motorist Information Signs	
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Tribbey, and Wanette
Responsible Party	Emergency Management, county highway departments, city street departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local funds
Time Schedule	18 months with approved funding

Action Project 21 - NOAA Weather Radios	
Description	Purchase, program, and distribute weather radio receivers to the public, schools, and other critical facilities throughout Pottawatomie County.
Hazards Addressed	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, County officials, School Administration, Unity Health Center, Local Emergency Planning Committee (LEPC), county health department
Funding Sources	Hazard Mitigation Grant Program (HMGP), County funds, Local Emergency Planning Committee (LEPC), private business and industry
Time Schedule	18 months with approved funding

Action Project 21A - NOAA Weather Radios	
Description	Purchase, program, and distribute weather radio receivers to the public, schools, and other critical facilities throughout Pottawatomie County.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh

Action Project 21A - NOAA Weather Radios	
Responsible Party	Emergency Management, Local elected officials, School Administration, Unity Health Center, Local Emergency Planning Committee (LEPC)
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local, and School funds, Local Emergency Planning Committee (LEPC), private business and industry
Time Schedule	18 months with approved funding

Action Project 21B - NOAA Weather Radios	
Description	Purchase, program, and distribute weather radio receivers to the public, schools, and other critical facilities throughout Pottawatomie County.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, Local elected officials, School Administration, Unity Health Center, Local Emergency Planning Committee (LEPC)
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local, and School funds, Local Emergency Planning Committee (LEPC), private business and industry
Time Schedule	18 months with approved funding

Action Project 21C - NOAA Weather Radios	
Description	Purchase, program, and distribute weather radio receivers to the public, schools, and other critical facilities throughout Pottawatomie County
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS

Action Project 21C - NOAA Weather Radios	
Responsible Party	Emergency Management, Local elected officials, School Administration, Unity Health Center, Local Emergency Planning Committee (LEPC)
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local, and School funds, Local Emergency Planning Committee (LEPC), private business and industry
Time Schedule	18 months with approved funding

Action Project 21D - NOAA Weather Radios	
Description	Purchase, program, and distribute weather radio receivers to the public, schools, and other critical facilities throughout Pottawatomie County
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McCloud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	Emergency Management, Local elected officials, School Administration, Unity Health Center, Local Emergency Planning Committee (LEPC)
Funding Sources	Hazard Mitigation Grant Program (HMGP), Local, and School funds, Local Emergency Planning Committee (LEPC), private business and industry
Time Schedule	18 months with approved funding

Action Project 22 - School Intercom System	
Description	Install internal intercom system to allow for immediate communications between classrooms and office to alert faculty of impending hazardous situations
Hazards Addressed	Hail Storm, High Winds, Lightning, Tornado, Winter Storm

Action Project 22 - School Intercom System	
Jurisdictions Affected	Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), School funds
Time Schedule	24 months with approved funding

Action Project 23 - Mass Notification System	
Description	Provide a mass communications system to notify citizens in emergency situations such as flooding, tornados, or wildfires.
Hazards Addressed	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, County elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), county funds
Time Schedule	18 months with approved funding

Action Project 23A - Mass Notification System	
Description	Provide a mass communications system to notify citizens, parents, students, and faculty in emergency situations such as flooding, tornados, or wildfires.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 23A - Mass Notification System	
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, Local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), local funds
Time Schedule	18 months with approved funding

Action Project 23B - Mass Notification System	
Description	Provide a mass communications system to notify citizens, parents, students, and faculty in emergency situations such as flooding, tornados, or wildfires.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, Local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), local funds
Time Schedule	18 months with approved funding

Action Project 23C - Mass Notification System	
Description	Provide a mass communications system to notify citizens, parents, students, and faculty in emergency situations such as flooding, tornados, or wildfires.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS

Action Project 23C - Mass Notification System	
Responsible Party	Emergency Management, School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), school funds
Time Schedule	18 months with approved funding

Action Project 23D - Mass Notification System	
Description	Provide a mass communications system to notify citizens, parents, students, and faculty in emergency situations such as flooding, tornados, or wildfires.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	Emergency Management, School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), school funds
Time Schedule	18 months with approved funding

Action Project 24 - Lightning Detection	
Description	Purchase and install lightning detectors for use at outdoor events and recreational areas to provide advanced warning of approaching lightning
Hazards Addressed	Lightning

Action Project 24 - Lightning Detection	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	Emergency Management, County and Local elected officials, School Administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local, and School funds
Time Schedule	12 months with approved funding

Action Project 25 - Surge Protection	
Description	Install surge protection – battery backup devices on all critical electronic systems in critical facilities to protect devices from power surges and allow for proper shut down in a power outage.
Hazards Addressed	Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, County and Local elected officials, health department, Unity Health Center
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local, and School funds
Time Schedule	18 months with approved funding

Action Project 25A - Surge Protection	
Description	Install surge protection – battery backup devices on all critical electronic systems in critical facilities to protect devices from power surges and allow for proper shut down in a power outage.

Action Project 25A - Surge Protection	
Hazards Addressed	Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, County and Local elected officials, health department, Unity Health Center
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local funds
Time Schedule	18 months with approved funding

Action Project 25B - Surge Protection	
Description	Install surge protection – battery backup devices on all critical electronic systems in critical facilities to protect devices from power surges and allow for proper shut down in a power outage.
Hazards Addressed	Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS
Responsible Party	Emergency Management, County elected officials, School Administration, health department, Unity Health Center
Funding Sources	Hazard Mitigation Grant Program (HMGP), County and School funds
Time Schedule	18 months with approved funding

Action Project 25C - Surge Protection	
Description	Install surge protection – battery backup devices on all critical electronic systems in critical facilities to protect devices from power surges and allow for proper shut down in a power outage

Action Project 25C - Surge Protection	
Hazards Addressed	Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	Emergency Management, County elected officials, School Administration, health department, Unity Health Center
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local, and School funds
Time Schedule	18 months with approved funding

Action Project 26 - Stream Level Monitoring	
Description	Install stream water level monitors to monitor the level of streams to give warning of fast rising waters that may indicate a possible dam failure or approaching flood conditions
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Pottawatomie County
Responsible Party	Emergency Management, County officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), County funds, Community Development Block Grant (CDBG), Oklahoma Water Resource Board (OWRB), and Natural Resources Conservation Service (NRCS).
Time Schedule	36 months with approval and funding

Action Project 26A - Stream Level Monitoring	
Description	Install stream water level monitors to monitor the level of streams to give warning of fast rising waters that may indicate approaching flood conditions

Action Project 26A - Stream Level Monitoring	
Hazards Addressed	Flood
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, Local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), local funds, Community Development Block Grant (CDBG), Oklahoma Water Resource Board (OWRB), and Natural Resources Conservation Service (NRCS)
Time Schedule	36 months with approval and funding

Action Project 27 - Flood Prone Roadways	
Description	Identify local roads at risk of flooding and mitigate by raising road bed, installing larger tin horns, and replace or install bridges as needed.
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Pottawatomie County
Responsible Party	County Commissioners
Funding Sources	Hazard Mitigation Grant Program (HMGP), county funds
Time Schedule	36 months with approval and funding

Action Project 27A - Flood Prone Roadways	
Description	Identify local roads at risk of flooding and mitigate by raising road bed, installing larger tin horns, and replace or install bridges as needed
Hazards Addressed	Flood

Action Project 27A - Flood Prone Roadways	
Jurisdictions Affected	Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), local funds
Time Schedule	36 months with approval and funding

Action Project 28 - Flood /Erosion Prevention	
Description	Install rip-rap as needed to mitigate against drainage ditch erosion, for bank stabilization, and as needed to improve drainage flow and prevent drainage back-up and flooding.
Hazards Addressed	Flood
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	County commissioners, local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds,
Time Schedule	24 months with approved funding

Action Project 29 - Drainage Ditch Improvements	
Description	Deepen, Widen, Straighten, Line with concrete or rip-rap and other improvements to water channels/drainage ditches as needed to improve water drainage and prevent flooding
Hazards Addressed	Flood
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh

Action Project 29 - Drainage Ditch Improvements	
Responsible Party	Emergency Management, County and Local elected officials, public works departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), County, Local, funds, storm water management fee
Time Schedule	24 months with approved funding

Action Project 30 - Hazard Warning Signs	
Description	Install signs as needed to warn motorist of approaching hazardous areas as needed, flood prone areas, etc.
Hazards Addressed	Flood, High Winds, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, County commissioners, local elected officials, public works departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds
Time Schedule	12 months with funding

Action Project 30A - Hazard Warning Signs	
Description	Install signs as needed to warn motorist of approaching hazardous areas as needed, flood prone areas, etc.
Hazards Addressed	High Winds, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Tribbey, Wanette,
Responsible Party	Emergency Management, County commissioners, local elected officials, public works departments

Action Project 30A - Hazard Warning Signs	
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds
Time Schedule	12 months with funding

Action Project 31 - Hurricane Clips	
Description	Encourage the use of hurricane clips on new construction to prevent or lesson roof damage in hazard events
Hazards Addressed	Earthquake, High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette,
Responsible Party	Emergency Management, County and local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds, business and industry funding
Time Schedule	36 months with approved funding

Action Project 32 - Window Film	
Description	Install window film on windows of critical facilities to protect occupants from shattering glass in a hazard event.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, County and Local elected officials, School Administration

Action Project 32 - Window Film	
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local, and school funds
Time Schedule	18 months with approved funding

Action Project 33 - Cooling Fan Program	
Description	Develop a program to provide cooling fans or air conditioners to the handicapped, elderly, and other special needs cases that may arise. These populations are often the most susceptible to the hazards associated with extreme heat.
Hazards Addressed	Extreme Heat
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Emergency Management, health department, senior citizen centers, Local Emergency Planning Committee (LEPC), Oklahoma State University (OSU) extension center, Voluntary Organizations Active in Disaster (VOAD), Central Oklahoma Community Action Agency (COCAA), volunteer health clinic, Medical Reserve Corps (MRC), Central Oklahoma Economic Development District (COEDD) Area wide Agency on Aging, Department of Human Services (DHS), Shawnee Senior Center Project HEART
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds, local business and industry
Time Schedule	36 months with funding

Action Project 34 - Hail Impact Resistant Roofing	
Description	Work with insurance agents and building supply centers to encourage the use of hail resistant shingles and building materials.
Hazards Addressed	Hail Storm

Action Project 34 - Hail Impact Resistant Roofing	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Emergency Management, local elected officials
Funding Sources	County and local budgets, business and industry
Time Schedule	36 months with funding

Action Project 35 - Retention Ponds	
Description	Install retention ponds where needed to control water runoff and reduce or eliminate flooding. Install dry hydrants in ponds to fill firefighting apparatus for fighting wildfires.
Hazards Addressed	Flood, Wildfire
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, Floodplain Manager, local fire departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds, Dept. of Agriculture (Forestry)
Time Schedule	18 months with approved funding

Action Project 36 - Water Wells	
Description	Drill additional water wells as needed to provide additional water source for drought conditions and as a source of water for fighting wildfires.
Hazards Addressed	Drought, Wildfire

Action Project 36 - Water Wells	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	County commissioners, local elected officials, school administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local and school funds, Oklahoma Water Resource Board (OWRB)
Time Schedule	18 months with approved funding

Action Project 36A - Water Wells	
Description	Drill additional water wells as needed to provide additional water source for drought conditions and as a source of water for fighting wildfires.
Hazards Addressed	Drought
Jurisdictions Affected	Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	County commissioners, local elected officials, school administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local and school funds, Oklahoma Water Resource Board (OWRB)
Time Schedule	18 months with approved funding

Action Project 37 - Water Tower	
Description	Install a water tower to provide a reserve water source for periods of power outages for both potable water and for fighting wildfire.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm

Action Project 37 - Water Tower	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	County commissioners, local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local, and school funds, Oklahoma Water Resource Board (OWRB)
Time Schedule	18 months with approved funding

Action Project 37A - Water Tower	
Description	Install a water tower to provide a reserve water source for periods of power outages for both potable water and for fighting wildfire.
Hazards Addressed	Earthquake, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	County commissioners, local elected officials, school administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local, and school funds, Oklahoma Water Resource Board (OWRB)
Time Schedule	18 months with approved funding

Action Project 38 - Xeriscaping	
Description	Use xeriscaping or landscaping using native vegetation to reduce or eliminate the need for watering to conserve water during drought conditions.
Hazards Addressed	Drought

Action Project 38 - Xeriscaping	
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center.
Responsible Party	Emergency Management, County and Local elected officials, School Administration, Oklahoma State University (OSU) Extension Center, United States Department of Agriculture (USDA)
Funding Sources	Local, county, and school funds, United States Department of Agriculture (USDA) Forestry, Conservation district, Community Development Block Grant (CDBG), local business and industry
Time Schedule	36 months and continuing

Action Project 39 - Continued NFIP Participation	
Description	Pottawatomie County, Shawnee, will maintain their status as members in good standing with the National Flood Insurance Program (NFIP) and update floodplain ordinances as required to maintain eligibility. Communities not participating will be encouraged to join.
Hazards Addressed	Dam Failure, Flood
Jurisdictions Affected	Pottawatomie County
Responsible Party	Floodplain Management
Funding Sources	County and local funds
Time Schedule	36 months and continuing

Action Project 39A - Continued NFIP Participation	
Description	Bethel Acres, Brooksville, Maud, McLoud, Shawnee, and Tecumseh will maintain their status as members in good standing with the National Flood Insurance Program (NFIP) and update floodplain ordinances as required to maintain eligibility. Communities not participating will be encouraged to join.
Hazards Addressed	Flood
Jurisdictions Affected	Bethel Acres, Brooksville, Maud, McLoud, Shawnee, Tecumseh
Responsible Party	Floodplain Management
Funding Sources	Local funds
Time Schedule	36 months and continuing

Action Project 40 - Communications Repeater	
Description	Install additional communications repeaters as needed to improve communications for first response agencies countywide.
Hazards Addressed	Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, County Sheriff, local fire and police departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), Homeland Security, County and local funds
Time Schedule	36 months with identified location and funding

Action Project 40A - Communications Repeater	
Description	Install additional communications repeaters as needed to improve communications for first response agencies countywide.
Hazards Addressed	Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Tribbey, and Wanette
Responsible Party	Emergency Management, County Sheriff, local fire and police departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), Homeland Security, County and local funds
Time Schedule	36 months with identified location and funding

Action Project 41 - CERT / MRC Teams	
Description	Assemble and train citizens as Citizen Emergency Response Team (CERT) and Medical Reserve Corps (MRC) to assist first responders during hazard events.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
Responsible Party	Emergency Management, Medical Reserve Corps (MRC), health department
Funding Sources	FEMA, county, local and school funds, Homeland Security, Medical Reserve Corps (MRC)
Time Schedule	36 months and continuing

Action Project 41A - CERT / MRC Teams	
Description	Assemble and train citizens as Citizen Emergency Response Team (CERT) and Medical Reserve Corps (MRC) to assist first responders during hazard events.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Wildfire, Winter Storm
Jurisdictions Affected	Asher, Brooksville, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Tribbey, Wanette
Responsible Party	Emergency Management, Medical Reserve Corps (MRC), health department
Funding Sources	FEMA, county, local and school funds, Homeland Security, Medical Reserve Corps (MRC)
Time Schedule	36 months and continuing

Action Project 41B - CERT / MRC Teams	
Description	Assemble and train citizens as Citizen Emergency Response Team (CERT) and Medical Reserve Corps (MRC) to assist first responders during hazard events.
Hazards Addressed	Drought, Earthquake, Extreme Heat, Flood, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Dale PS, Tecumseh PS
Responsible Party	Emergency Management, Medical Reserve Corps (MRC), health department
Funding Sources	FEMA, county, local and school funds, Homeland Security, Medical Reserve Corps (MRC)
Time Schedule	36 months and continuing

Action Project 41C - CERT / MRC Teams	
Description	Assemble and train citizens as Citizen Emergency Response Team (CERT) and Medical Reserve Corps (MRC) to assist first responders during hazard events
Hazards Addressed	Drought, Earthquake, Extreme Heat, Hail Storm, High Winds, Lightning, Tornado, Winter Storm
Jurisdictions Affected	Asher PS, Bethel PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	Emergency Management, Medical Reserve Corps (MRC), health department
Funding Sources	FEMA, county, local and school funds, Homeland Security, Medical Reserve Corps (MRC)
Time Schedule	36 months and continuing

Action Project 42 - Individual Safe Room Program	
Description	Institute an individual rebate program to reimburse citizens part of the cost of installing a safe room in their residence.
Hazards Addressed	High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	Emergency Management
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds
Time Schedule	36 months with approved funding

Action Project 43 - Red Cedar Eradication	
Description	Remove red cedar trees from wildland areas to reduce the threat of wildfire
Hazards Addressed	Wildfire
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
Responsible Party	County and local elected officials, Fire Departments
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds, Oklahoma Department of Forestry, Oklahoma State University (OSU) Extension Center
Time Schedule	36 months and continuing with approved funding and location identification

Action Project 44 - Rooftop Snow Guards	
Description	Install snow guards above doorways to prevent snow/ice loads from breaking loose and injuring citizens upon exiting public buildings.
Hazards Addressed	Winter Storm
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	County commissioners, local elected officials, school administration
Funding Sources	Hazard Mitigation Grant Program (HMGP), county, local, and school funds
Time Schedule	18 months with approved funding

Action Project 45 - NFIP Education	
Description	Provide educational information to citizens on the benefits of the National Flood Insurance Program (NFIP)
Hazards Addressed	Flood
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Brooksville, Maud, McCloud, Shawnee, Tecumseh
Responsible Party	Floodplain Management
Funding Sources	FEMA, county and local funds
Time Schedule	36 months and continuing with funding

Action Project 46 - Maintain Floodplain Administrator	
Description	Pottawatomie County, Bethel Acres, Brooksville, Maud, McCloud, Shawnee, and Tecumseh will continue to maintain a floodplain administrator to oversee construction and other activities in the floodplain
Hazards Addressed	Flood
Jurisdictions Affected	Pottawatomie County, Bethel Acres, Brooksville, Maud, McCloud, Shawnee, and Tecumseh
Responsible Party	County Commissioners, and local elected officials
Funding Sources	County and local funds
Time Schedule	36 months and continuing

Action Project 47 - Roll Down Doors	
Description	Install area isolation doors to partition critical areas of critical facilities against high wind and tornado events.
Hazards Addressed	High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	County officials, local elected officials, Emergency Management, school administration, critical facility administration
Funding Sources	County, Local, school and facility funds
Time Schedule	18 months with approved funding

Action Project 48 - Snow fencing	
Description	Install snow fencing at airport and other critical facilities to control drifting snow away from doorways and other points of entry
Hazards Addressed	Winter Storm
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette, Asher PS, Bethel PS, Dale PS, Earlsboro PS, Grove PS, Macomb PS, Maud PS, McLoud PS, North Rock Creek PS, Pleasant Grove PS, Shawnee PS, South Rock Creek PS, Tecumseh PS, Wanette PS, and Gordon Cooper Tech Center
Responsible Party	County officials, local elected officials, Emergency Management, school administration, critical facility administration, public works officials
Funding Sources	Local and facilities funding

Action Project 48 - Snow fencing	
Time Schedule	12 months with approved funding

Action Project 49 - Individual Window Film Rebate Program	
Description	Initiate a rebate program to encourage citizens to install window film on windows to protect occupants from shattering glass in a hazard event
Hazards Addressed	Earthquake, Hail Storm, High Winds, Tornado
Jurisdictions Affected	Pottawatomie County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, McLoud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, and Wanette
Responsible Party	Emergency Management, County and Local elected officials
Funding Sources	Hazard Mitigation Grant Program (HMGP), county and local funds
Time Schedule	36 months with approved funding

Action Project 50 - Coleman Road Ditch Upgrade	
Description	Elevate the Road Bed, Remove siltation and increase capacity of ditches along roadways in the vicinity of Coleman Road and Ruggles Road
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding

Action Project 50 - Coleman Road Ditch Upgrade	
Time Schedule	18 months with approved funding

Action Project 51 - Re-channel Squirrel Creek	
Description	Re-channel Squirrel Creek, Remove siltration and increase capacity of ditches along roadways in the vicinity of Hardesty Road and Brangus Road
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 52 - Hardesty Road/Hwy 102	
Description	Elevate the Road Bed, Remove siltration and increase capacity of ditches along roadways in the vicinity of Hardesty Road and State Highway 102
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 53 - Bethel and New Hope Road Improvements	
Description	Elevate the Road Bed and increase capacity of ditches along roadways in the vicinity of Bethel Road and New Hope Road
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 54 - Construct Bridges on 113 Road	
Description	Construct 2 bridges along 113 Road between 349 Road and 350 Road
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	30 months with approved funding

Action Project 55 - Retaining Wall On Propane Road	
Description	Construct a retaining wall to channel water away from roadway along Propane Road between Sacred Heart Road to Cherry Hill Road
Hazards Addressed	Flooding

Action Project 55 - Retaining Wall On Propane Road	
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 56 - Lake Chambers Road Bridge	
Description	Construct Bridge along spillway for flood control lake on Chambers Road between 337 Road and 338 Road
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	30 months with approved funding

Action Project 57 - St Louis Road Bridge	
Description	Construct steel deck bridge on St. Louis Road near Aztec Road.
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners

Action Project 57 - St Louis Road Bridge	
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	30 months with approved funding

Action Project 58 - 344 Road Tin Horn	
Description	Replace insufficient tin horn with Box Culvert on 344 Road south of S.H. 39
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 59 - 353 Road Tin Horns	
Description	Construct tin horns and fill along 353 Road south of S.H. 109
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 60 - Dripping Springs Road Low Water Crossing	
Description	Replace low water crossing on Dripping Springs road between 346 Road and 347 Road with bridge
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 61 - 347 Road Tin Horn	
Description	Install tin horn and fill on 347 Road in the vicinity of 114 Road.
Hazards Addressed	Flooding
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 62 - Debris Removal Equipment	
Description	Obtain vehicle with auto crane and grapple hooks for debris removal

Action Project 62 - Debris Removal Equipment	
Hazards Addressed	Flooding, tornadoes, high wind,
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 63 - Salt Spreaders	
Description	Obtain 5 salt spreaders for 10 wheel vehicles to treat roadways to help prevent ice buildup
Hazards Addressed	Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 64 - Demolition Trailers	
Description	Obtain 6 demolition trailers to assist with debris removal and disposal.
Hazards Addressed	Flooding, high winds, tornadoes, winter storms
Jurisdictions Affected	Pottawatomie County

Action Project 64 - Demolition Trailers	
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 65 - Response Vehicles	
Description	Obtain 3 operational response vehicles to provide work space supervision, basic emergency tools, and signage for response to disaster/emergency areas
Hazards Addressed	Flooding, tornadoes, power outage, winter storms
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 66 - Salt Sheds	
Description	Construct 3 salt storage facilities to protect road salt from environmental conditions
Hazards Addressed	Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP funding

Action Project 66 - Salt Sheds	
Time Schedule	18 months with approved funding

Action Project 67 - Brush Cutters	
Description	Obtain 6 sets of brush cutters for tractors to assist with debris removal and disposal.
Hazards Addressed	Flooding, high winds, tornadoes, winter storms
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 68 - Debris Grinder	
Description	Obtain a large tub grinder for reduction of debris.
Hazards Addressed	Flooding, tornadoes, power outage, winter storms
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie Board of County Commissioners
Funding Sources	County Funds, HMGP, Soil Conservation Service funding
Time Schedule	18 months with approved funding

Action Project 69 - Flooding Benedict St and US 177 at Tracks	
Description	Redesign and widen road for runoff with additional drainage ditch capacity. Possible railroad bridge re-design/rebuild to lengthen for roadway
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee, Pottawatomie County
Responsible Party	City of Shawnee
Funding Sources	Local street funds, ODOT funds, HMGP funds
Time Schedule	30 months with approved funding

Action Project 70 - Flooding MacArthur St and Runway Tunnel	
Description	Full hydrology/hydraulic analysis of area runoff, enlargement of Storm Sewer pipes, drain hoods and inlets to collect and divert adequate water flow. This will include the demolition of the MacArthur Street tunnel where the existing RCP,s are
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local Street funds, ODOT funds, HMGP funds
Time Schedule	36 months with approved funding

Action Project 71 - Flooding Broadway and 7th St	
Description	Enlarge the storm sewer system to creek and install adequate hoods and inlets. Re-channelization of creek to accommodate 100 year rainfall event.

Action Project 71 - Flooding Broadway and 7th St	
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local street funds, HMGP
Time Schedule	18 months with approved funding

Action Project 72 - Flooding at Union and Wallace	
Description	Recanalization of the 6967 foot drainage way and new enlarged structures at Wallace, Highland, Oklahoma 10th, Main and McKinley Streets to install larger pipes, inlet gates, and curb hoods
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local street funds, HMGP funds
Time Schedule	36 months with approved funding

Action Project 73 - Flooding Between 4300 – 4400 Blk Aydellote	
Description	Grading and drainage design of new road/or extension of Storm Sewer System
Hazards Addressed	Flood
Jurisdictions Affected	City of Shawnee

Action Project 73 - Flooding Between 4300 – 4400 Blk Aydellote	
Responsible Party	City of Shawnee
Funding Sources	Local Street funds, HMGP funds
Time Schedule	18 months with approved funding

Action Project 74 - Flooding at 2nd St and Bell St	
Description	Enlarge the storm sewer system to creek and install adequate hoods and inlets
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local Street Funds, HMGP
Time Schedule	18 months with approved funding

Action Project 75 - Flooding at Kickapoo and Kickapoo Spur	
Description	Enlarge storm sewer system and install adequate hoods and inlets.
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local Street funds, ODOT funds
Time Schedule	24 months with approved funding

Action Project 76 - Flooding at Independence St and Minnesota	
Description	Extend storm sewer system north along Minnesota Street to Elizabeth Street and install new grates and hoods at the intersections and along the road to allow for catchment of more water
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local Street funds, ODOT funds
Time Schedule	36 months with approved funding

Action Project 77 - Flooding at S. Gordon Cooper and Hardesty Rd	
Description	Design and install storm sewer system to help water recede from road and surrounding land or build roadway up outside the floodplain. Approximately 2 miles of roadway
Hazards Addressed	Flood
Jurisdictions Affected	Shawnee
Responsible Party	City of Shawnee
Funding Sources	Local Street funds, ODOT funds
Time Schedule	36 months with approved funding

Action Project 78 - Rumble Strip Cutter	
Description	Purchase an asphalt rumble stripper cutting machine for each county road district (3 total) for use in marking dangerous roadway conditions and edge of road surfaces to warn drivers and prevent vehicles from traveling off road surface during ice and snow pack conditions

Action Project 78 - Rumble Strip Cutter	
Hazards Addressed	Winter Storm
Jurisdictions Affected	Pottawatomie County
Responsible Party	Pottawatomie County
Funding Sources	District road funds
Time Schedule	18 months with approved funding

Action Project 79 – Dam Information Data Deficiency	
Description	Contact OWRB and owners of high hazard and significant hazard dams to locate and identify inundation flood depth levels where information was no found. Information is needed for the following dams: High Hazard Dams, Shawnee Twin Lake’s #1 and #2; Tecumseh Lake; and Significant Hazard Dam, SCS Salt Creek Site 16
Hazards Addressed	Dam Failure
Jurisdictions Affected	Pottawatomie County, Shawnee
Responsible Party	Pottawatomie County Flood Plain Administrator
Funding Sources	OWRB, Soil Conservation Service, CDBG, HMGP, County and Shawnee funds
Time Schedule	36 months with approved funding

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